

**METHOD AND APPARATUS FOR IMPARTING CURVES
IN ELONGATED IMPLANTABLE MEDICAL INSTRUMENTS**

ABSTRACT OF THE DISCLOSURE

- 5 A medical instrument including a body extending between proximal and distal ends and enclosing an elongated, inelastic, pull wire extending between a pull wire proximal end affixed at a point at or near the proximal end and a pull wire distal end affixed at or near the distal end. The wire extends through a lumen off-set from the instrument axis and through a distal segment of the body that is to be curved for deflection at the distal end. A proximal
- 10 segment of the instrument axially stretches when tension is applied to increase the length of the proximal segment from a relaxed length. A hand-held tool engages the proximal and distal ends of the proximal segment and manually applies a selective amount of tension that stretches the proximal segment from its relaxed length.